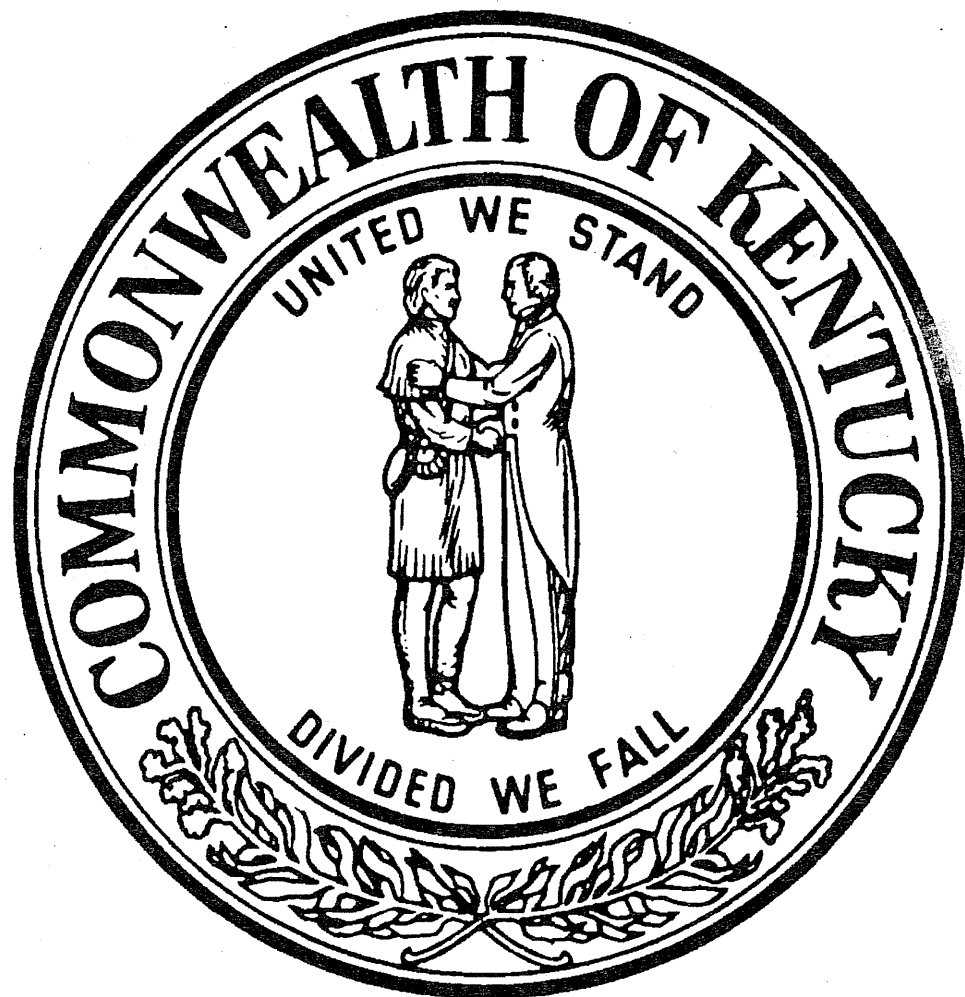


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# *2000 Kentucky Annual Magnetic Resonance Imaging Services Report*



*January 1 through  
December 31, 2000*

*Published July 2001*

Health Policy Development Branch  
Division of Epidemiology and Health Planning  
Department for Public Health  
Cabinet for Health Services

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# **2000 KENTUCKY MAGNETIC RESONANCE IMAGING SERVICES REPORT**

## **INTRODUCTION**

The Health Policy Development Branch of the Division of Epidemiology and Health Planning announces the release of the 2000 Kentucky Magnetic Resonance Imaging Services Report. This data collection and reporting is required by 902 KAR 20:008.

This report covers the period January 1, 2000 through December 31, 2000. It includes MRI procedure utilization for all licensed MRI units operating in Kentucky that are compliant with the Kentucky licensing and regulation reporting requirements.

Questions or comments should be directed to the Health Policy Development Branch at (502) 564-9592.

The 2000 report also includes a Five Year Look Back section. This includes the total MRI utilization for each year from 1996 through 2000. The total MRI utilization data is shown in this Five Year Look Back by Area Development District (ADD) total utilization.

The 2000 Kentucky Magnetic Resonance Imaging Services Report now becomes the official record of the MRI utilization data published by the Cabinet for Health Services.

TABLE 1: 2000 KENTUCKY MRI PROCEDURES BY FACILITY AND TYPE OF PROCEDURE

SERVICE TYPE	MRI	Orbit, Face and Neck	Brain Including Stem	Chest	Thoracic Spine	Lumbar Spine	Upper Extremity	Lower Extremity	Abdomen	Myocardium	Bone Marrow Blood Supply	Cervical Spine	Total	Units On Site	Hours Per Week
ADD 1															
M	DIAGNOSTIC RADIOLOGY SYSTEM														
	JACKSON PURCHASE MEDICAL CTR	5	271	0	25	180	56	170	8	0	0	98	813	1	16
	MARSHALL COUNTY HOSPITAL	0	21	0	6	28	7	10	0	0	0	12	84	1	2
	PARKWAY REGIONAL HOSPITAL	5	44	0	3	46	6	24	2	0	0	28	158	1	6
	DIAGNOSTIC RADIOLOGY SYSTEM TOTAL	10	336	0	34	254	69	204	10	0	0	138	1,055	3	24
F	PADUCAH MAGNETIC RESONANCE IMAGING	134	1,124	10	157	1,268	345	683	36	1	0	812	4,570	2	40
M	PENNYRILE/AUDUBON MOBILE HEALTH SERVICE														
	MURRAY CALLOWAY COUNTY HOSPITAL	17	497	2	57	309	137	135	6	0	0	235	1,395	1	30
H	WESTERN BAPTIST HOSPITAL	34	255	3	27	132	24	39	8	0	0	109	631		
ADD 1 TOTAL:		195	2,212	15	275	1,963	575	1,061	60	1	0	1,294	7,651		
ADD 2															
M	DIAGNOSTIC RADIOLOGY SYSTEM														
	LIVINGSTON CO HOSP	0	42	0	7	82	2	33	3	0	0	49	218	1	4
	CRITTENDEN CO HOSP	1	82	0	28	138	30	53	4	0	0	82	418	1	12
	DIAGNOSTIC RADIOLOGY SYSTEM TOTAL	1	124	0	35	220	32	86	7	0	0	131	636	2	16
M	MID-AMERICAN IMAGING														
	MUHLENBERG COMMUNITY HOSP	10	126	0	15	183	62	145	9	0	0	70	620		
	PENNYRILE/AUDUBON MOBILE HEALTH SERVICE														
M	TROVER CLINIC	1	13	0	4	59	18	81	0	0	0	35	211	1	4
F	JENNIE STUART MEDICAL CENTER	27	300	2	34	173	30	86	1	0	0	70	723	1	28
	PENNYRILE/AUDUBON MOBILE HLTH SVC TOTAL	28	313	2	38	232	48	167	1	0	0	105	934	2	32
H	REGIONAL MEDICAL CTR OF HOPKINS CO	6	1,020	3	166	817	155	482	214	0	0	311	3,174		
ADD 2 TOTAL:		45	1,583	5	254	1,452	297	880	231	0	0	617	5,364		
ADD 3															
H	METHODIST HOSPITAL	29	106	0	14	105	21	43	1	2	0	35	356		

TABLE 1: 2000 KENTUCKY MRI PROCEDURES BY FACILITY AND TYPE OF PROCEDURE

SERVICE TYPE	MRI	Orbit, Face and Neck	Brain Including Stem	Chest	Thoracic Spine	Lumbar Spine	Upper Extremity	Lower Extremity	Abdomen	Myocardium	Bone Marrow Blood Supply	Cervical Spine	Total	Units On Site	Hours Per Week
M	OWENSBORO MERCY HLTH SYS MOBILE IMAGING SER	263	1,626	13	140	835	148	434	83	0	0	485	4,027	1	168
M	PENNYRILE/AUDUBON MOBILE HEALTH SERVICE METHODIST HOSPITAL	181	550	3	46	440	92	187	16	0	0	246	1,761	1	24
F	RADIOLOGY & DIAGNOSTICS IMAGING	3	624	11	111	1,024	286	561	10	0	0	589	3,219	1	60
ADD 3 TOTAL:		476	2,906	27	311	2,404	547	1,225	110	2	0	1,355	9,363		
ADD 4															
M	DIAGNOSTIC RADIOLOGY SYSTEM LOGAN MEMORIAL HOSPITAL	4	93	0	15	100	31	70	0	0	0	57	370	1	8
H	GREENVIEW REGIONAL MEDICAL CENTER	2	323	1	30	174	25	14	19	0	0	120	708		
H	T J SAMSON COMMUNITY HOSPITAL	15	573	1	53	673	64	221	7	0	0	362	1,969		
H	THE MEDICAL CENTER AT BOWLING GREEN	60	1,411	16	88	649	113	274	57	0	0	529	3,197		
ADD 4 TOTAL:		81	2,400	18	186	1,596	233	579	83	0	0	1,068	6,244		
ADD 5															
M	DIAGNOSTIC RADIOLOGY SYSTEM BRECKINRIDGE MEMORIAL HOSP FLAGET MEMORIAL HOSP NORTON SPRINGVIEW HOSPITAL TWIN LAKES REGIONAL MED CTR	6 8 8 6	15 135 108 160	0 0 1 0	6 19 29 18	39 224 221 188	8 71 119 56	12 124 192 85	0 7 2 3	0 0 0 0	0 0 0 0	16 100 110 99	102 688 790 615	1	20
ADD 5 TOTAL:		28	418	1	72	672	254	413	12	0	0	325	2,195		

TABLE 1: 2000 KENTUCKY MRI PROCEDURES BY FACILITY AND TYPE OF PROCEDURE

SERVICE TYPE	MRI	Orbit, Face and Neck	Brain Including Stem	Chest	Thoracic Spine	Lumbar Spine	Upper Extremity	Lower Extremity	Abdomen	Myocardium	Bone Marrow Blood Supply	Cervical Spine	Total	Units On Site	Hours Per Week
ADD 6															
H	BAPTIST HOSPITAL EAST	100	3,025	40	277	1,400	337	717	201	18	0	908	7,023		
H	CARITAS MEDICAL CENTER	17	1,157	7	128	805	323	636	57	0	0	492	3,622		
H	JEWISH HOSPITAL	251	2,916	28	295	1,333	621	1,415	203	9	0	888	7,959		
F	MAGNETIC RESONANCE IMAGING CENTER														
	MRI OPEN CENTER AMP	2	60	1	6	61	17	28	0	0	0	44	219	1	50
	MRI CENTER	20	595	13	62	260	90	155	47	1	0	190	1,433	2	103
	MRI KOSAIR CENTER	7	185	6	25	87	5	36	2	0	0	32	385	1	88
	MAGNETIC RESONANCE IMAGING CENTER TOTAL	29	840	20	93	408	112	219	49	1	0	266	2,037	4	241
H	NORTON AUDUBON HOSPITAL	37	1,462	5	106	868	152	176	94	0	0	532	3,432		
H	NORTON HSP/KOSAIR CHDRN HSP/NORTON MED PAVIL	1,205	1,522	40	193	1,439	316	666	125	0	0	836	6,342		
H	NORTON SUBURBAN HOSPITAL	17	1,142	1	110	569	116	261	65	0	0	343	2,624		
H	UNIVERSITY OF LOUISVILLE HOSPITAL	120	1,854	6	222	628	84	186	90	4	0	530	3,724		
H	VENCOR HOSPITAL-LOUISVILLE	1	82	1	12	113	20	40	60	0	0	67	396		
ADD 6 TOTAL:		1,777	14,000	148	1,436	7,563	2,081	4,316	944	32	0	4,862	37,159		
ADD 7															
F	KENTUCKY DIAGNOSTIC CENTER - KENTON COUNTY	95	2,962	50	316	2,827	886	1,848	365	3	0	1,285	10,637	3	101
F	KENTUCKY DIAGNOSTIC CENTER - CAMPBELL COUNTY	12	373	7	41	380	119	316	47	5	0	169	1,469	1	68
ADD 7 TOTAL:		107	3,335	57	357	3,207	1,005	2,164	412	8	0	1,454	12,106		
ADD 9															
H	ST CLAIRE MEDICAL CENTER	79	476	0	52	425	33	130	0	0	0	206	1,401		
ADD 9 TOTAL:		79	476	0	52	425	33	130	0	0	0	206	1,401		

TABLE 1: 2000 KENTUCKY MRI PROCEDURES BY FACILITY AND TYPE OF PROCEDURE

SERVICE TYPE	MRI	Orbit, Face and Neck	Brain Including Stem	Chest	Thoracic Spine	Lumbar Spine	Upper Extremity	Lower Extremity	Abdomen	Myocardium	Bone Marrow Blood Supply	Cervical Spine	Total	Units On Site	Hours Per Week
ADD 10															
M	MID AMERICAN IMAGING THREE RIVERS MEDICAL CENTER	12	121	1	17	236	23	50	2	0	0	108	570		12
H	OUR LADY OF BELLEFONTE HOSPITAL	125	1,386	7	94	912	151	232	22	8	0	547	3,484		
F	TRI STATE DIAGNOSTIC CENTER	162	2,118	12	365	1,927	344	484	53	0	0	1,111	6,576	2	171
ADD 10 TOTAL:		299	3,625	20	476	3,075	518	766	77	8	0	1,766	10,630		
ADD 11															
M	APPALACHIAN REG HEALTHCARE MOBILE MRI SVC WILLIAMSON ARH HOSPITAL	9	159	0	9	115	9	31	4	0	0	34	370	1	10
M	DIAGNOSTIC RADIOLOGY OUR LADY OF THE WAY HOSP*	2	23	2	5	26	2	7	0	0	0	13	80		
	PAUL B HALL REG MED CTR	17	250	5	42	549	56	161	14	0	0	259	1,353		
	DIAGNOSTIC RADIOLOGY TOTAL	19	273	7	47	575	58	168	14	0	0	272	1,433		
H	HIGHLANDS REGIONAL MEDICAL CTR	55	559	2	74	572	76	186	2	0	0	338	1,864		
H	PIKEVILLE METHODIST HOSPITAL	55	1,313	4	186	1,277	186	407	22	0	0	555	4,005		
ADD 11 TOTAL:		138	2,304	13	316	2,539	329	792	42	0	0	1,199	7,672		
ADD 12															
M	APPALACHIAN REG HEALTHCARE MOBILE MRI SVC HAZARD ARH REGIONAL MEDICAL CENTER	47	695	8	117	763	81	256	54	0	0	300	2,321	1	40
	WHITESBURG ARH HOSPITAL	20	145	1	37	323	47	111	2	0	0	113	799	1	26
	ARH MOBILE MRI SVC TOTAL	67	840	9	154	1,086	128	367	56	0	0	413	3,120	2	66
M	SMT MOBILE MRI KENTUCKY RIVER MEDICAL CENTER	8	100	2	20	219	19	66	6	0	0	95	535		
ADD 12 TOTAL:		75	940	11	174	1,305	147	433	62	0	0	508	3,655		

TABLE 1: 2000 KENTUCKY MRI PROCEDURES BY FACILITY AND TYPE OF PROCEDURE

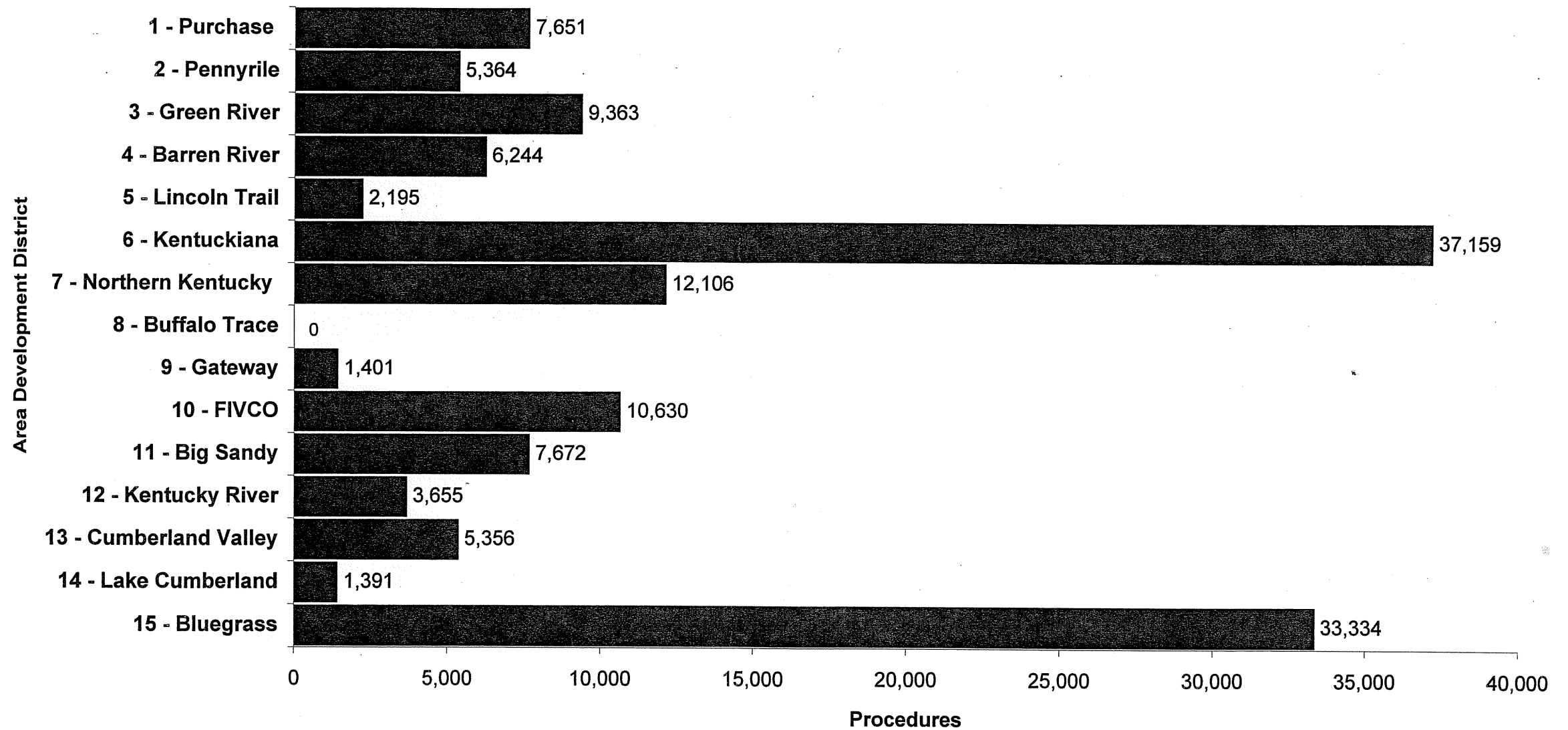
SERVICE TYPE	MRI	Orbit, Face and Neck	Brain Including Stem	Chest	Thoracic Spine	Lumbar Spine	Upper Extremity	Lower Extremity	Abdomen	Myocardium	Bone Marrow Blood Supply	Cervical Spine	Total	Units On Site	Hours Per Week
ADD 13															
M	APPALACHIAN REG HEALTHCARE MOBILE MRI SVC														
	MIDDLESBORO ARH HOSPITAL	8	152	3	26	263	55	104	12	0	0	102	725	1	20
	HARLAN ARH HOSPITAL	8	150	2	15	354	43	107	17	0	0	86	782	1	26
	APPALACHIAN REG HEALTHCARE MOBILE MRI TOTAL	16	302	5	41	617	98	211	29	0	0	188	1,507	2	46
H	MARYMOUNT HOSPITAL	71	329	0	55	506	107	203	0	0	0	208	1,479		
F	SOUTHEASTERN KY DIAGNOSTIC CENTER	24	644	0	99	934	94	176	0	0	0	399	2,370	1	55
ADD 13 TOTAL:		111	1,275	5	195	2,057	299	590	29	0	0	795	5,356		
ADD 14															
	THE IMAGING CENTER														
F	THE IMAGING CENTER	8	168	0	30	217	3	67	0	0	0	88	581	1	40
H	LAKE CUMBERLAND REGIONAL HOSPITAL	30	265	1	39	228	65	75	4	0	0	103	810	1	168
	THE IMAGING CENTER TOTAL	38	433	1	69	445	68	142	4	0	0	191	1,391	2	208
ADD 14 TOTAL:		38	433	1	69	445	68	142	4	0	0	191	1,391		
ADD 15															
H	CENTRAL BAPTIST HOSPITAL	39	867	27	94	330	59	151	21	0	0	160	1,748		
H	CLARK REGIONAL MEDICAL CENTER	3	138	0	22	114	53	86	4	0	0	98	518		
M	DIAGNOSTIC RADIOLOGY SYSTEM														
	GEORGETOWN COMMUNITY HOSP	14	154	1	11	116	16	30	5	0	0	81	428	1	12
	BOURBON COMMUNITY HOSPITAL	10	163	3	5	116	63	77	2	0	0	85	524	1	12
	DIAGNOSTIC RADIOLOGY SYSTEM TOTAL	24	317	4	16	232	79	107	7	0	0	166	952	2	24
H	EPHRAIM MCDOWELL REG MEDICAL CTR	20	890	5	98	679	219	499	4	2	0	274	2,690		
F	LEXINGTON DIAGNOSTIC CTR	148	2,127	23	396	3,206	1,051	1,248	84	0	0	1,902	10,185	2	158
F	MRI ASSOCIATES	19	1,652	16	305	2,646	902	976	91	0	0	1,515	8,154	2	81

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SERVICE TYPE	MRI	Orbit, Face and Neck	Brain Including Stem	Chest	Thoracic Spine	Lumbar Spine	Upper Extremity	Lower Extremity	Abdomen	Myocardium	Bone Marrow Blood Supply	Cervical Spine	Total	Units On Site	Hours Per Week
H	ST JOSEPH HOSPITAL	52	1,067	14	89	384	44	46	54	0	0	163	1,913		
H	UNIVERSITY OF KY HOSPITAL	189	4,094	44	240	1,216	167	468	103	0	0	653	7,174		
ADD 15 TOTAL:		494	11,152	133	1,260	8,807	2,574	3,581	368	2	0	4,931	33,334		
STATEWIDE TOTAL:		3,943	47,059	454	5,433	37,510	8,960	17,072	2,434	53	0	20,571	143,521		



## 2000 MRI Procedures by ADD



**Table 2: 2000 Kentucky MRI Procedures by ADD Total  
A Five Year Look Back**

ADD	1996 Procedures	1997 Procedures	1998 Procedures	1999 Procedures	2000 Procedures
1 - Purchase	6,182	6,623	6,682	6,337	7,651
2 - Pennyrite	5,435	6,178	5,902	5,090	5,364
3 - Green River	2,416	2,343	2,629	5,378	9,363
4 - Barren River	4,461	4,133	3,600	3,955	6,244
5 - Lincoln Trail	3,092	2,966	3,163	5,897	2,195
6 - Kentuckiana	25,362	24,910	26,970	30,566	37,159
7 - Northern Kentucky	5,939	6,760	8,374	9,751	12,106
8 - Buffalo Trace	0	0	0	78	0
9 - Gateway	924	1,158	899	1,158	1,401
10 - FIVCO	6,757	6,506	8,368	8,796	10,630
11 - Big Sandy	3,591	4,177	5,189	7,473	7,672
12 - Kentucky River	2,826	2,881	2,668	2,212	3,655
13 - Cumberland Valley	2,080	2,169	2,340	6,364	5,356
14 - Lake Cumberland	1,394	1,934	1,289	2,737	1,391
15 - Bluegrass	23,385	21,003	22,261	28,281	33,334
STATE TOTAL	93,844	93,741	100,334	124,073	143,521

## **MAGNETIC RESONANCE IMAGING SERVICES NOTES SECTION**

- Our Lady of the Way Hospital only reported MRI services for August 2000 through December 2000. Our Lady of the Way Hospital did report they were served by Diagnostic Radiology Systems. Diagnostic Radiology Systems did not report any information for Our Lady of the Way.
- Totals for Units On Site and Hours Per Week were not calculated per ADD or State due to the differences in Hospital and MRI mobile surveys. Next year these two surveys will both collect units on site and hours per week.